

CVM-1810E



A large 18 inch 16:9 legible color monitor with a built-in VCR and a cassette viewing facility.

SONY

Features

- Monitors picture and sound just recorded from a colour video camera, VTR, U-matic videocassette recorder or any other video sources incorporating PAL system. In addition, it displays not only colour recordings from PAL VTRs, but both the PAL and modified NTSC colour recording when used with Sony PAL-version U-matic videocassette recorder or player.
- Receives TV programmes off the air—CVM-1810E: West European standard UHF and VHF colour and monochrome; CVM-1810UB: British standard UHF colour and monochrome.
- TV programmes off the air can be recorded using a PAL VTR or U-matic colour videocassette recorder.
- Accommodates UHF (M)-type (for video in/out) and 8-pin (for both video and audio ins/outs) connectors, and audio in/out jacks for broad versatility of applications. Both connectors can be used at the same time.
- Sony's unique Trinitron colour system—one-gun, three-beam structure and Aperture Grille colour selection method—presents a sharper, brighter picture.

- Revolutionary 114-degree wide angle deflection picture tube for further improved colour picture quality with good contrast and high resolution; results in a very compact and slim cabinet; the depth of the set is considerably reduced.
- Easy and precise channel presetting with channel indication meter which shows the optimum tuning position.
- AUTO COLOUR and AFT (Automatic Fine Tuning) switches always tune in the best colour picture automatically on all channels. No need to adjust the hue and colour controls. Manual colour control is also possible for personal preference.
- Easy-to-operate push buttons for channel selection and power on-off switching, and slide volume and picture controls.
- Highly reliable solid-state circuitry including newly developed GCS (Gate Controlled Switch) semiconductor to reduce power consumption.
- Continuously variable tone control for desired tonal quality.
- Simple and functional styling: CVM-1810E—walnut-finish
CVM-1810UB—teak-finish

SPECIFICATIONS

CVM-1810E

Video signal: CCIR 625 lines, 50 fields; EIA 525 lines, 60 fields (Switching of CCIR to EIA or vice versa is automatically done.)
 Colour system: Video signal; PAL and modified NTSC (subcarrier 4.43MHz) systems
 TV broadcast: PAL system
 Picture tube: 10cm (4") dia.
 Audio output: 1.5W (10% distortion)
 Power requirements: AC 220V (changeable to 120V or 240V by resoldering transformer lead), 50/60Hz
 Power consumption: 150W
 Dimensions: 577(W)×403(H)×371mm(D) (22½×15½×14½")
 Weight: 34.0kg (74 lb 14 oz)
 Supplied accessories: Earpiece (earphone)
 Polishing cloth
 Monitor connecting cable VMC-3P (3m)
 Optional accessories: Sony Cosmic Aerial (antenna) for both VHF and UHF AN-24
 TV signal standards: West European TV standards (CCIR system B, G, and H), in colour and monochrome
 Channel coverage: VHF E2 - E4 (Band I)
 VHF E5 - E12 (Band III)
 UHF E21 - E68 (Band IV & V)
 Aerial (antenna) system: External aerial socket for 75-ohm VHF and UHF aerials

CVM-1810UB

Video signals: CCIR 625 lines, 50 fields; EIA 525 lines, 60 fields (Switching of CCIR to EIA or vice versa is automatically done.)
 Colour system: Video signal; PAL and modified NTSC (subcarrier 4.43MHz) systems
 TV broadcast: PAL system
 Picture tube: Trinitron tube 45.7cm (18"), 114-degree deflection angle
 Speaker: 10cm (4")
 Audio output: 1.5W (10% distortion)
 Power requirements: AC 240V (changeable to 120V or 220V by resoldering transformer lead), 50/60Hz
 Power consumption: 150W
 Dimensions: 577(W)×403(H)×371mm(D) (22½×15½×14½")
 Weight: 34.0kg (74 lb 14 oz)
 Supplied accessories: Earpiece (earphone)
 Polishing cloth
 Monitor connecting cord VMC-3P (3m)
 TV signal standards: British standards, in colour and monochrome
 Channel coverage: UHF E21 - E68
 Aerial (antenna) system: External aerial socket for 75-ohm UHF aerial
 Optional accessory: UHF parabolic aerial AN 55-B2
 AN 55-B3

Input/Output Specifications

	Mode	Signal	Connector	Signal level	Impedance	Remarks
IN	MONITOR	VIDEO	8-pin (pins 2 & 6)	1.0Vp-p	75 Ω	PAL, NTSC (modified) sync negative
	LINE	VIDEO	UHF coaxial connector	1.0Vp-p	75 Ω	PAL, NTSC (modified) sync negative
OUT	TV	VIDEO	UHF coaxial connector	1.0Vp-p	75 Ω	PAL, NTSC (modified) sync negative
	VTR	VIDEO	8-pin (pins 3 & 4)	1.0Vp-p	75 Ω	PAL sync negative
	MONITOR	VIDEO	UHF coaxial connector	1.0Vp-p	75 Ω	PAL, NTSC (modified) sync negative
IN	VTR	AUDIO	8-pin (pins 1 & 5)	0 dB	high imp	
	LINE	AUDIO	Mini jack	0 dB	high imp	
OUT	TV	AUDIO	Mini jack	0 dB	2K Ω	
	VTR	AUDIO	8-pin (pins 7 & 8)	-20 dB	2K Ω	
	MONITOR	AUDIO	Mini jack	0 dB	2K Ω	

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